CLAIMS

1. A method for protecting displayed information, comprising the steps of: displaying information on the surface of an outer wall of a cell structure; and subsequently coating a portion surrounding the displayed information with a coating agent to form a region permeated with a coating agent wherein pores of the outer wall are filled with the coating agent in a section of the outer wall on which the information is displayed, so that the region permeated with a coating agent prevents a catalyst solution from exuding from the inside of the outer wall of the cell structure.

2. The method for protecting the displayed information according to claim 1, wherein the coating agent contains a fine powder dispersed in a sol form in a liquid.

3. The method for protecting the displayed information according to claim 2, wherein a concentration of the fine powder in the coating agent is 50% by weight or less.

4. The method for protecting the displayed information according to claim 1 or 2, wherein a particle size of the fine powder is in a range of 10 to 30 nm.

5. The method for protecting the displayed information according to any one of claims 2 to 4, wherein the fine powder comprises one or two or more materials selected from a group consisting of silica, alumina,

zirconia, and titania.

6. The method for protecting the displayed information according to any one of claims 2 to 5, wherein the liquid is water or organic solvent.

7. The method for protecting the displayed information according to any one of claims 1 to 6, wherein the information is displayed in one or two or more display forms selected from a group consisting of display forms of the information such as characters, barcodes, and two-dimensional codes.

8. The method for protecting the displayed information according to any one of claims 1 to 7, wherein the information is displayed in one or two or more methods selected from a group consisting of a stamping method, ink jet method, thermal transfer method, and laser baking method.

9. The method for protecting the displayed information according to any one of claims 1 to 8, wherein the information is displayed in ink.

10. The method for protecting the displayed information according to any one of claims 1 to 9, wherein the cell structure comprises a compound of one or two or more types of ceramic materials selected from a group consisting of cordierite, alumina, mullite, lithium aluminum silicate, aluminum titanate, titania, zirconia, silicon

nitride, aluminum nitride, and silicon carbide.

11. A cell structure, wherein surface information is protected by the protection method according to any one of claims 1 to 10.